OIPE JC104
MAR 2 8 2005
PATENT & TRADEMARK OFFICE

Figure 1

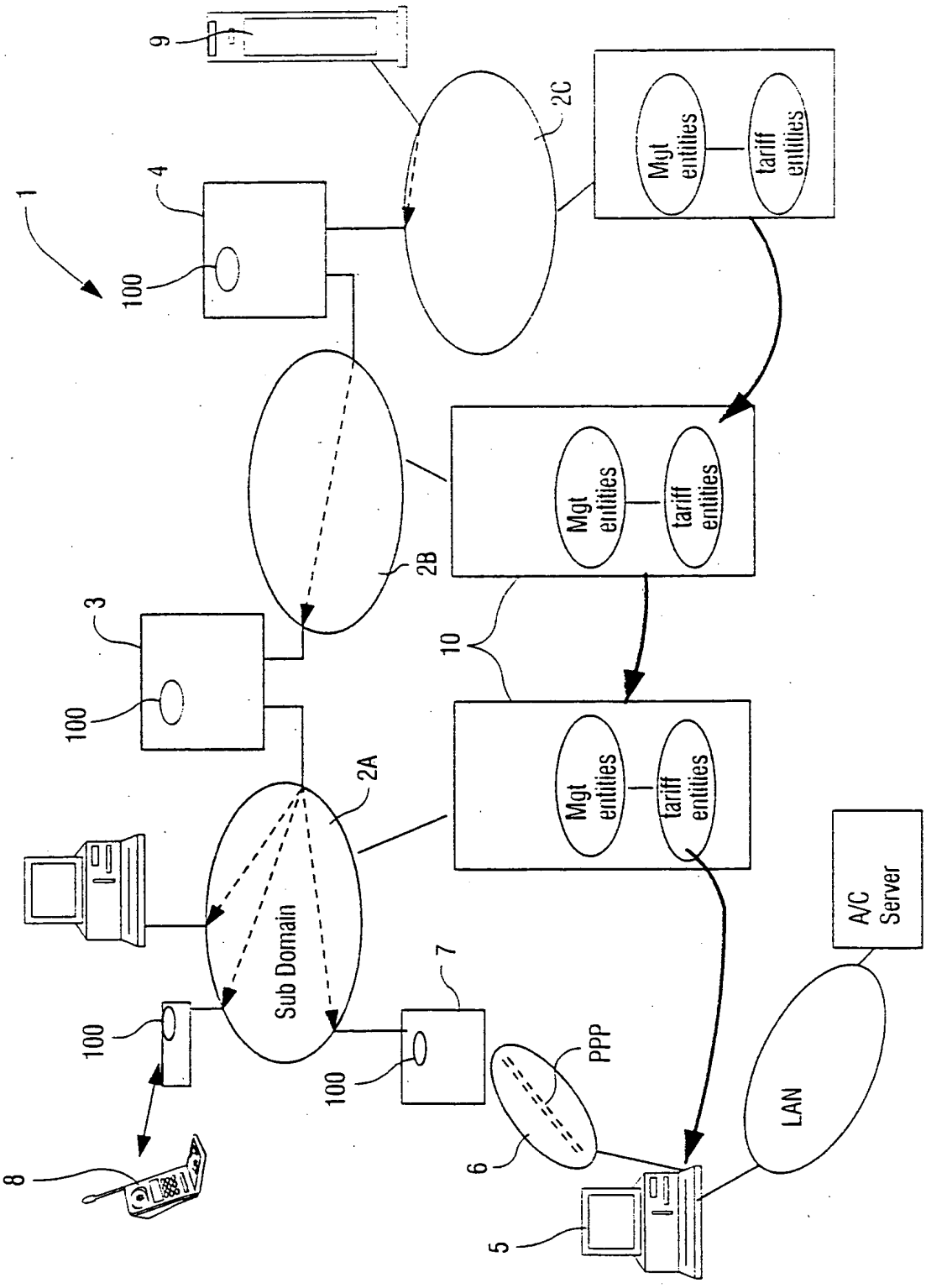


Figure 2b

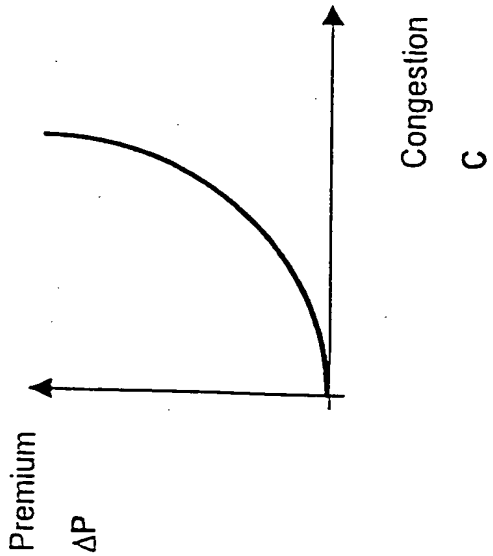


Figure 2a

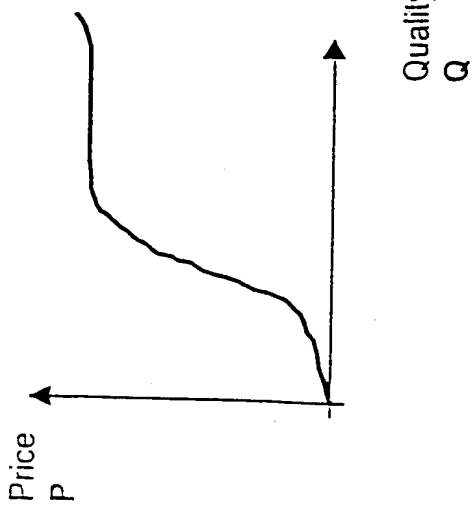


Figure 2c

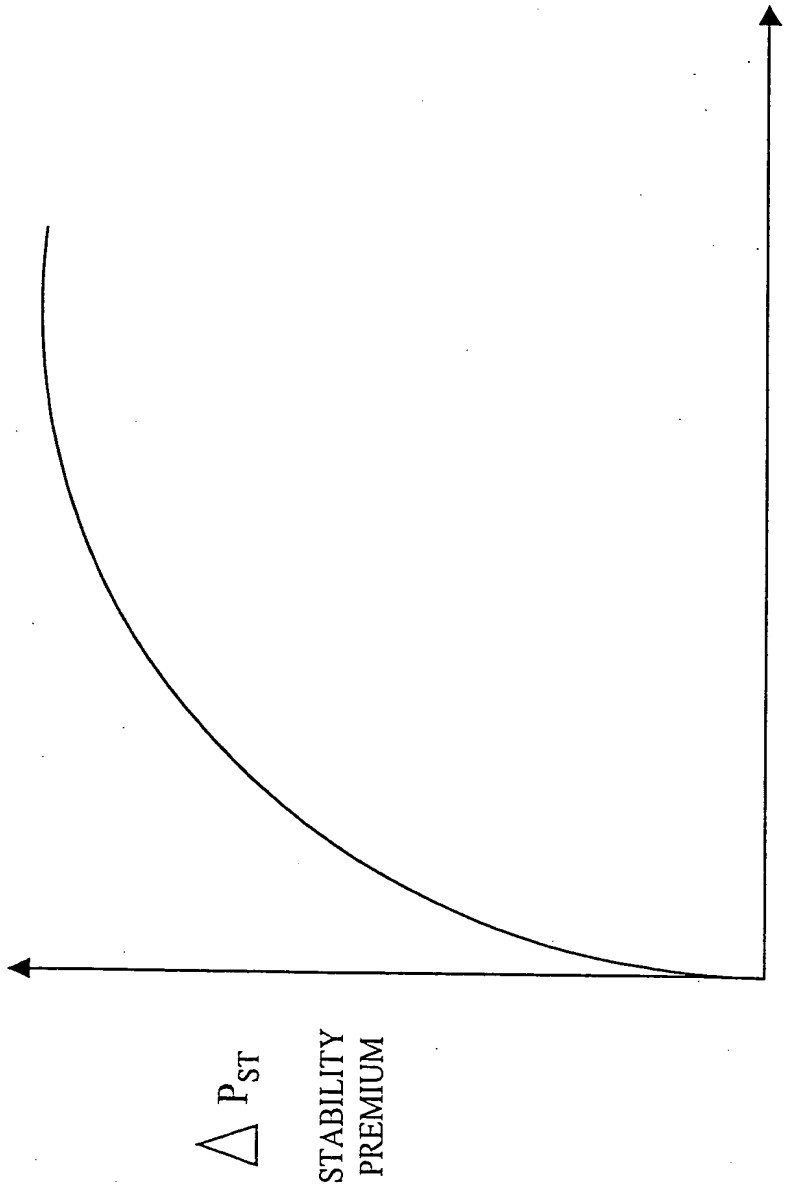


Figure 3

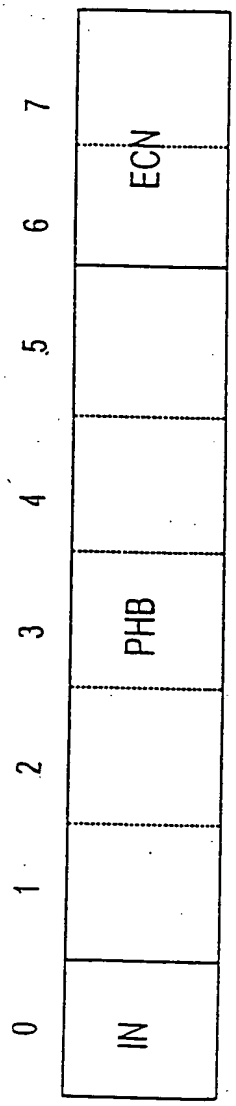
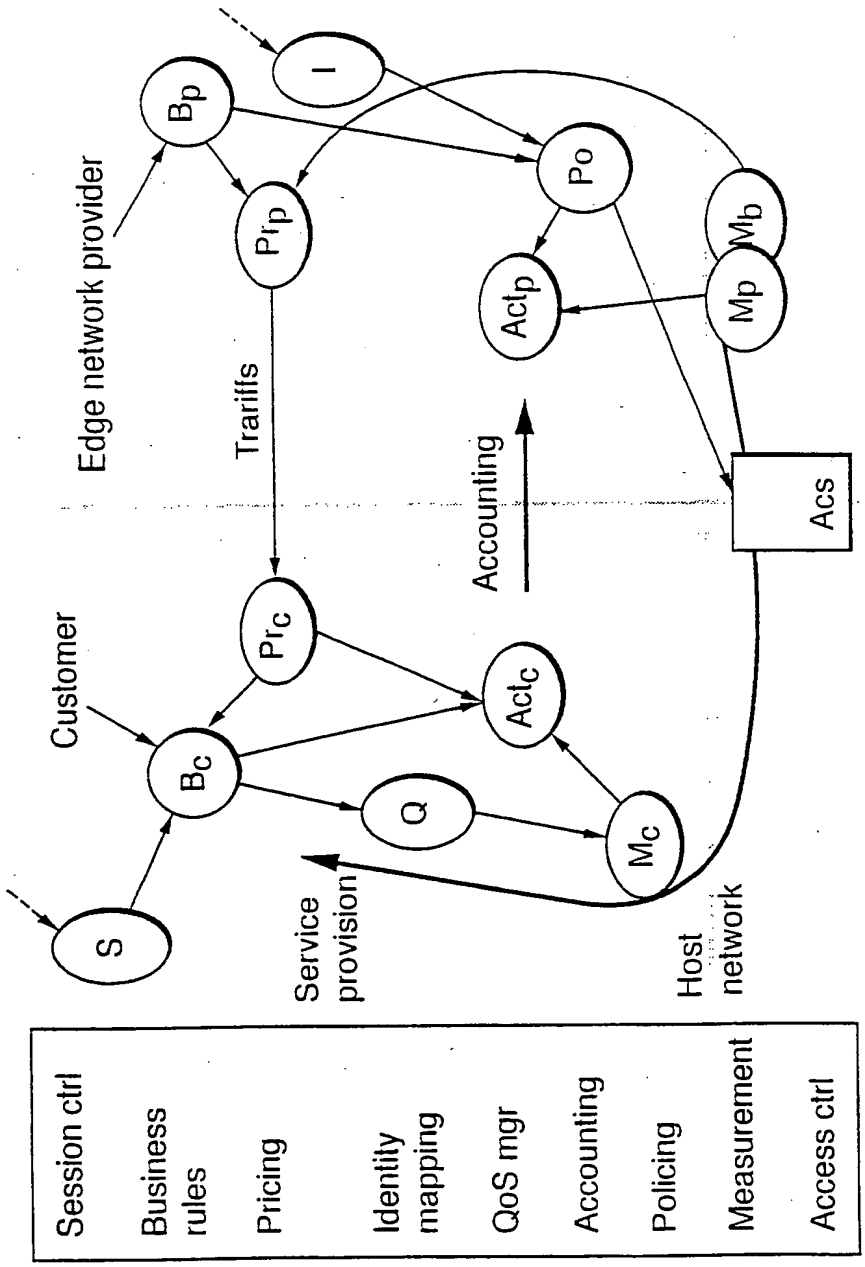


Figure 4a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Business rules
Pricing
Identity mapping
QoS mgr
Accounting
Policing
Measurement
Access ctrl
Customer
Edge network provider
Service provision
Host network
Tariffs
Accounting
S
Bc
Prc
Actc
Q
Mc
I
Bp
Prp
Actp
Po
Mp
Mb
Acs

Figure 4b

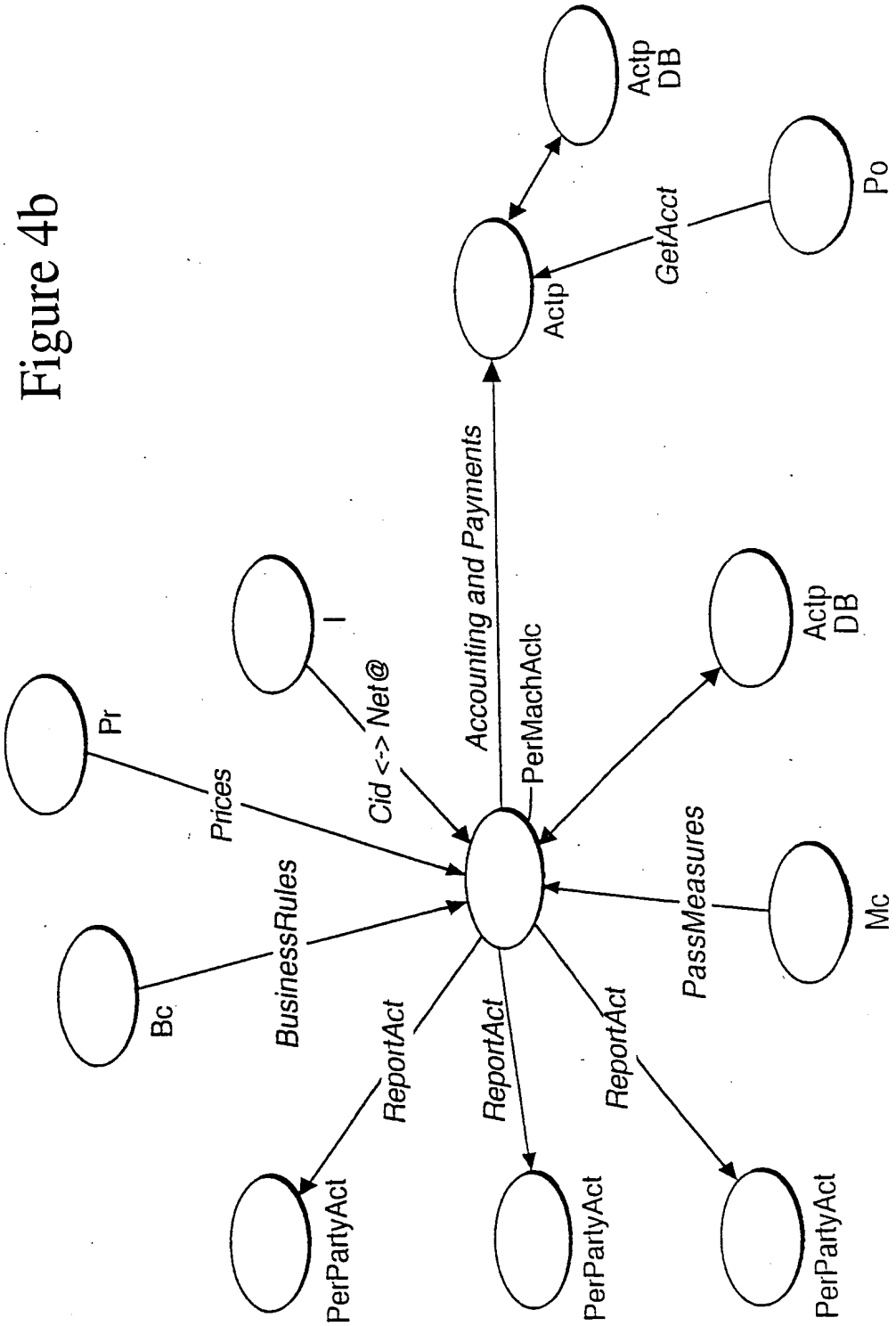

Actp DB
Po
GetAcct
Actp
Accounting and Payments
I
Cid <-> Net@
PerMachAclc
Actp DB
Pr
Prices
BusinessRules
Bc
PassMeasures
Mc
ReportAct
ReportAct
ReportAct
PerPartyAct
PerPartyAct
PerPartyAct

Figure 5a

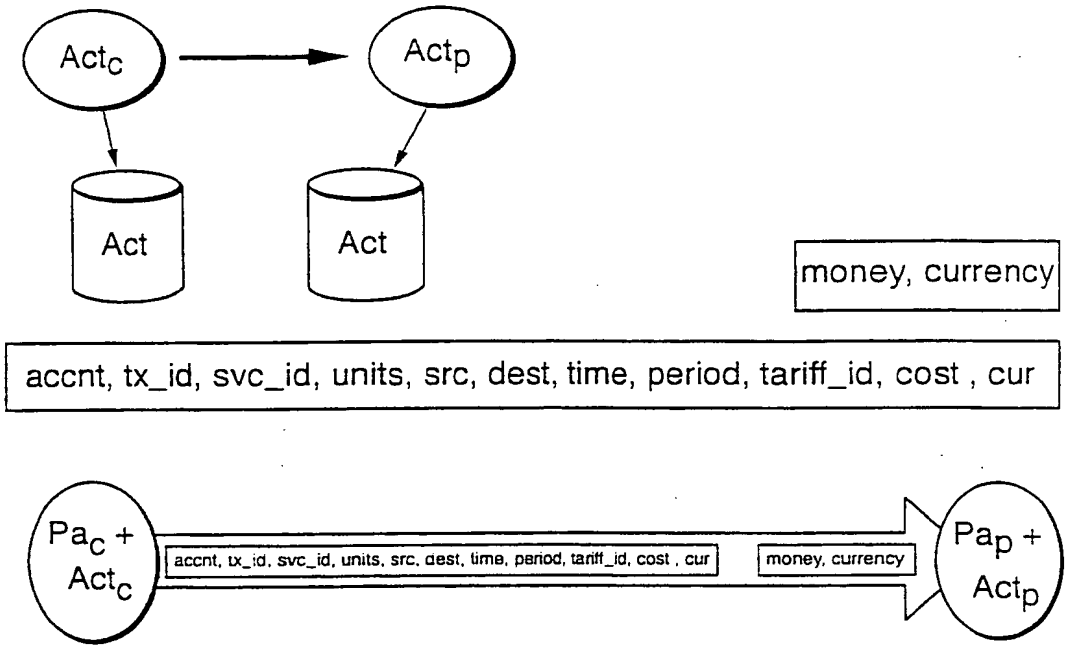
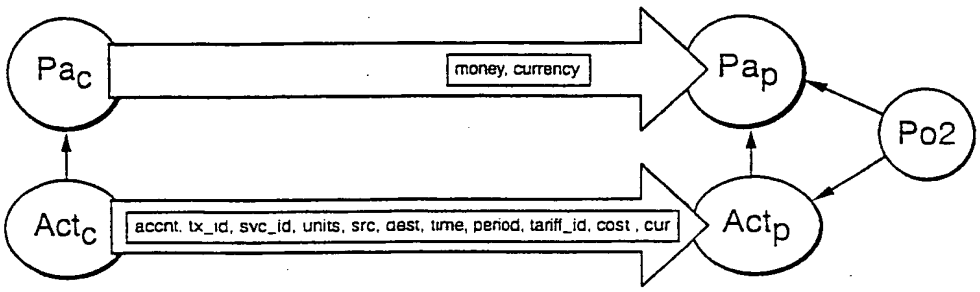


Figure 5b



BEST AVAILABLE COPY

Figure 6

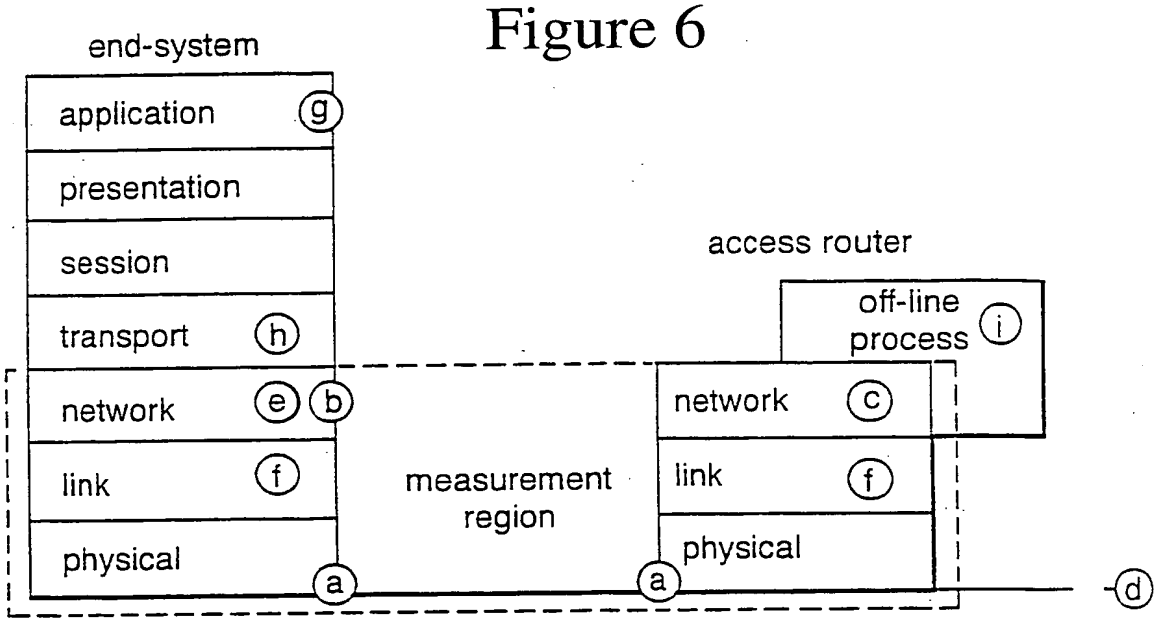


Figure 7

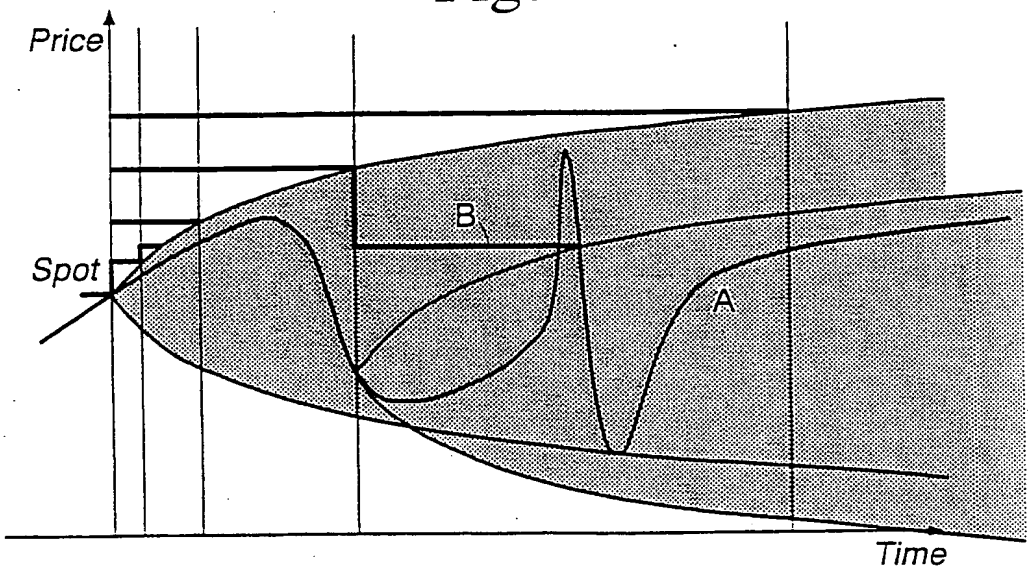
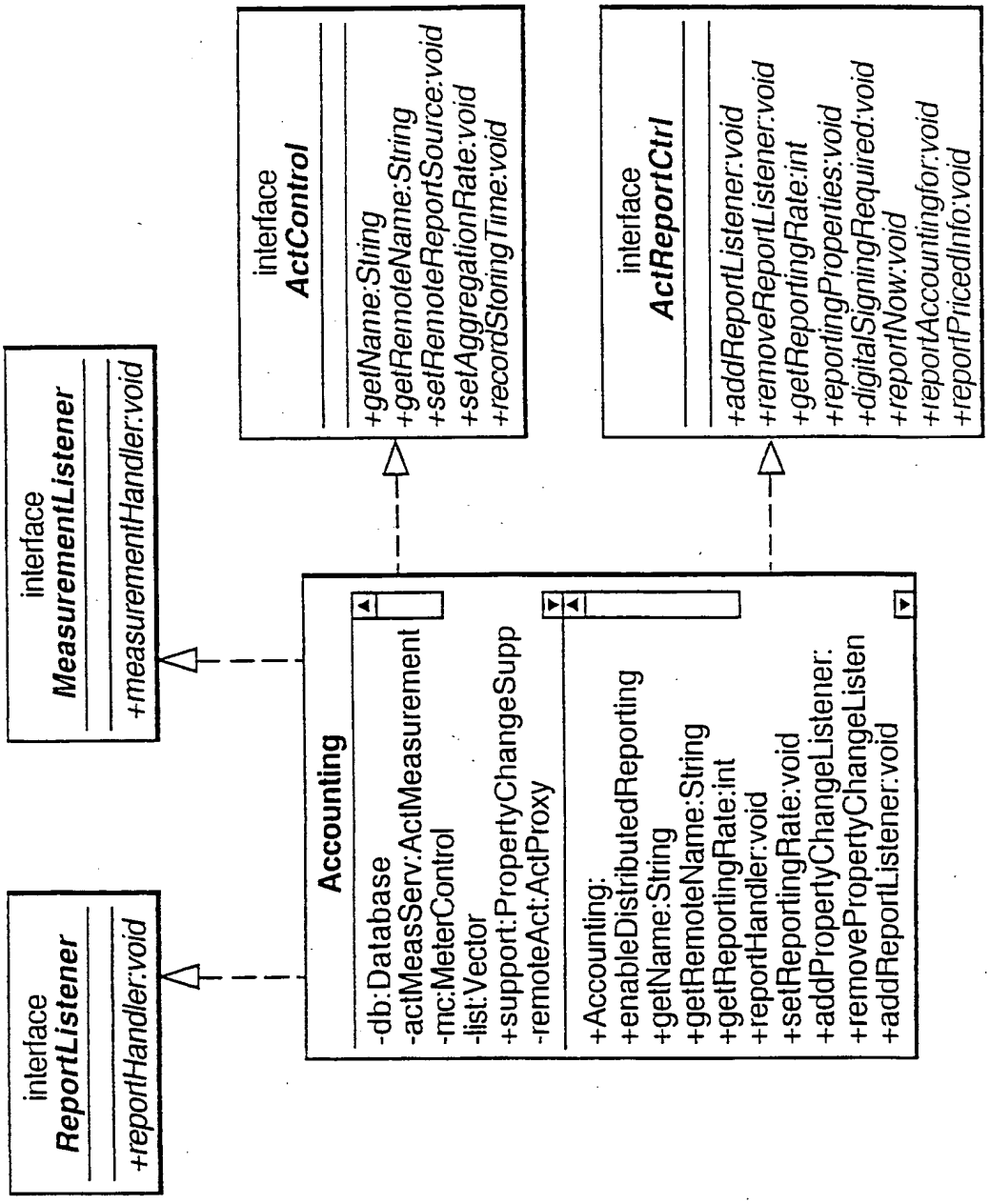


Figure 8a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ReportListener
+reportHandler:void
interface
MeasurementListener
+measurementHandler:void
interface
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+getRemoteName:String
+setRemoteReportSource:void
+setAggregationRate:void
+recordStoningTime:void
interface
ActReportCtrl
+addReportListener:void
+removeReportListener:void
+getReportingRate:int
+reportingProperties:void
+digitalSigningRequired:void
+reportNow:void
+reportAccountingfor:void
+reportPricedInfo:void
Accounting
-db:Database
-actMeasServ:ActMeasurement
-mc:MeterControl
-list:Vector
+support:PropertyChangeSupp
-remoteAct:ActProxy
+Accounting:
+enableDistributedReporting
+getName:String
+getRemoteName:String
+getReportingRate:int
+reportHandler:void
+setReportingRate:void
+addPropertyChangeListener:
+removePropertyChangeListen
+addReportListener:void

Figure 8b

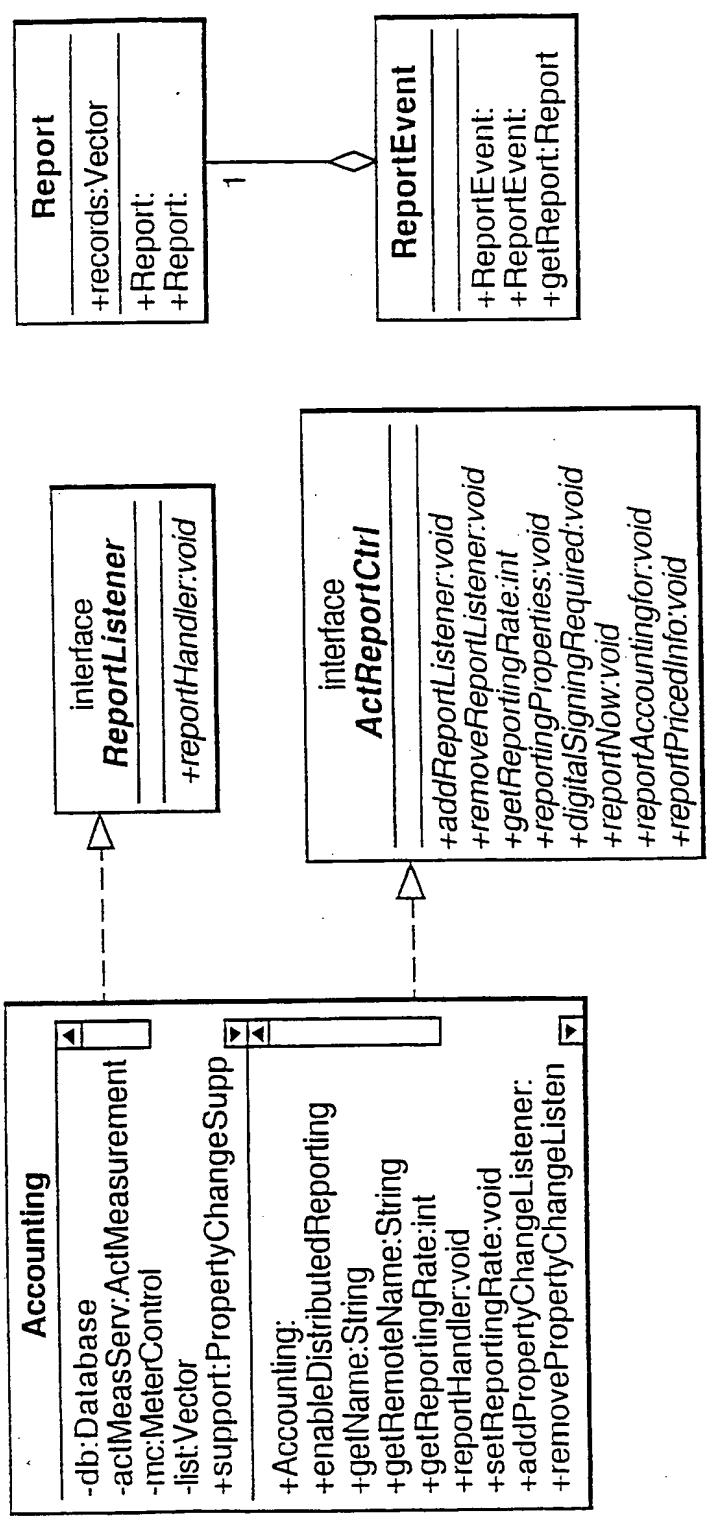
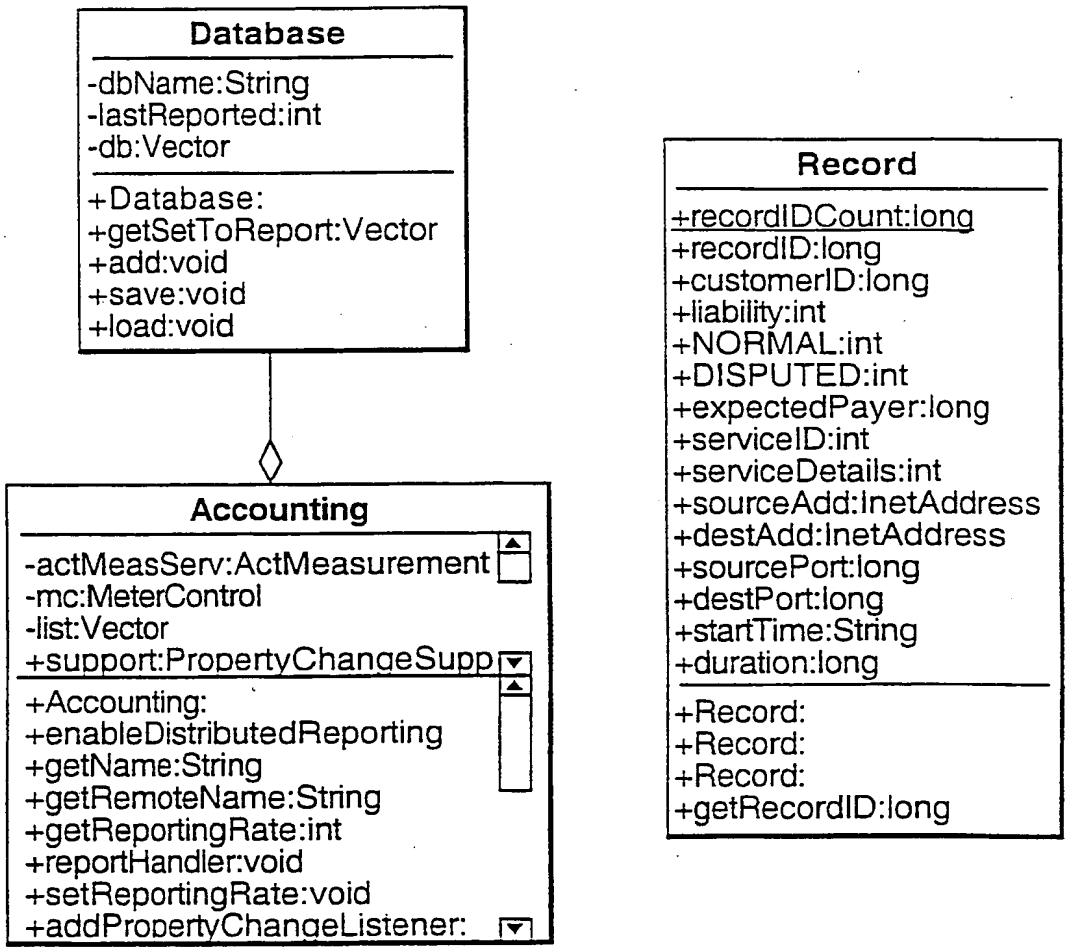

Report
+records:Vector
+Report:
+Report:
1
ReportEvent
+ReportEvent:
+ReportEvent:
+getReport:Report
interface
ReportListener
+reportHandler:void
interface
ActReportCtrl
+addReportListener:void
+removeReportListener:void
+getReportingRate:int
+reportingProperties:void
+digitalSigningRequired:void
+reportNow:void
+reportAccountingfor:void
+reportPricedInfo:void
Accounting
-db:Database
-actMeasServ:ActMeasurement
-mc:MeterControl
-list:Vector
+support:PropertyChangeSupp
+Accounting:
+enableDistributedReporting
+getName:String
+getRemoteName:String
+getReportingRate:int
+reportHandler:void
+setReportingRate:void
+addPropertyChangeListener:
+removePropertyChangeListen

Figure 8c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-db:Vector
+Database:
+getSetToReport:Vector
+add:void
+save:void
+load:void
Accounting
-actMeasServ:ActMeasurement
-mc:MeterControl
-list:Vector
+support:PropertyChangeSupp
+Accounting:
+enableDistributedReporting
+getName:String
+getRemoteName:String
+getReportingRate:int
+reportHandler:void
+setReportingRate:void
+addPropertyChangeListener:
Record
+recordIDCount:long
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+NORMAL:int
+DISPUTED:int
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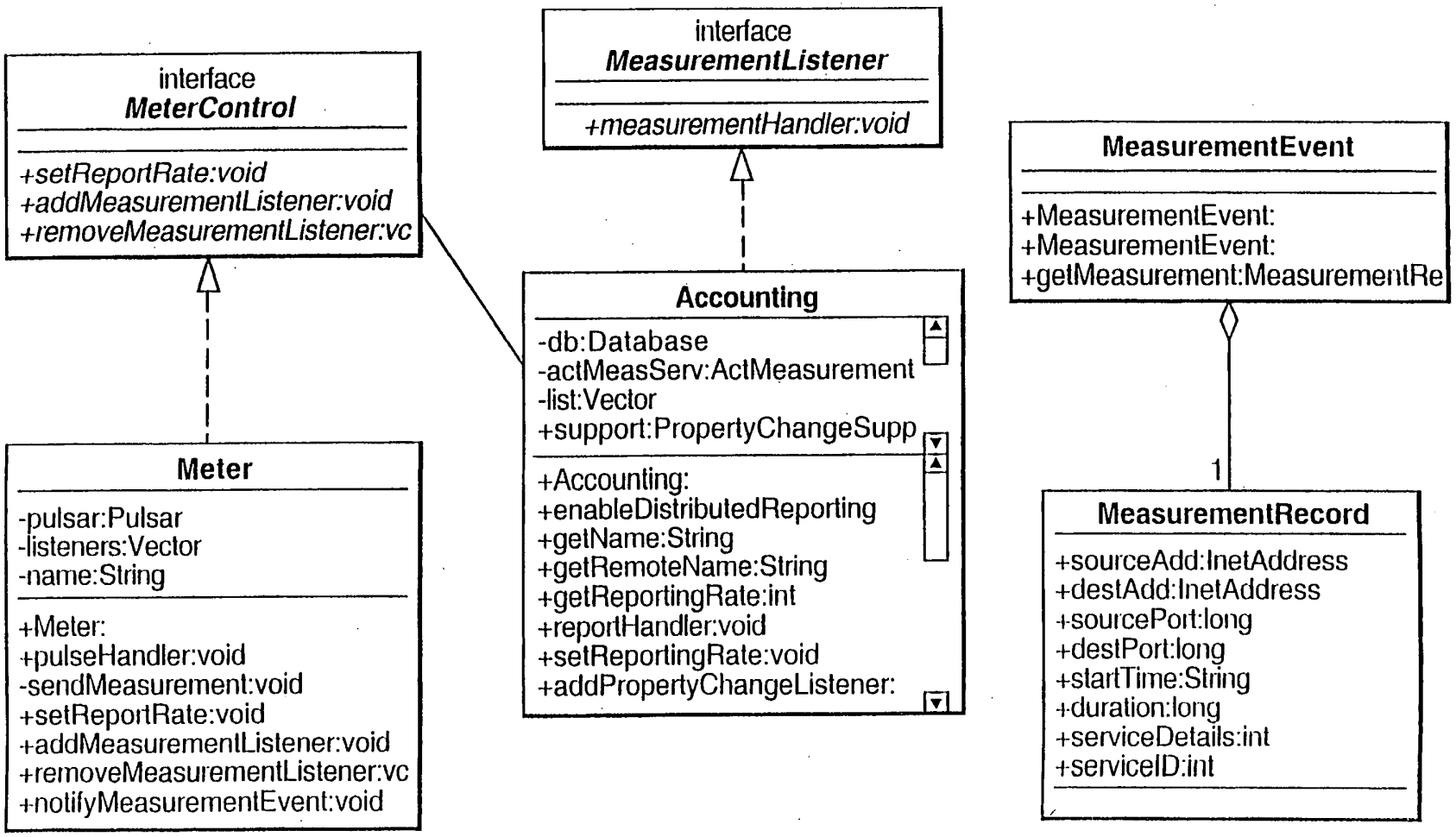
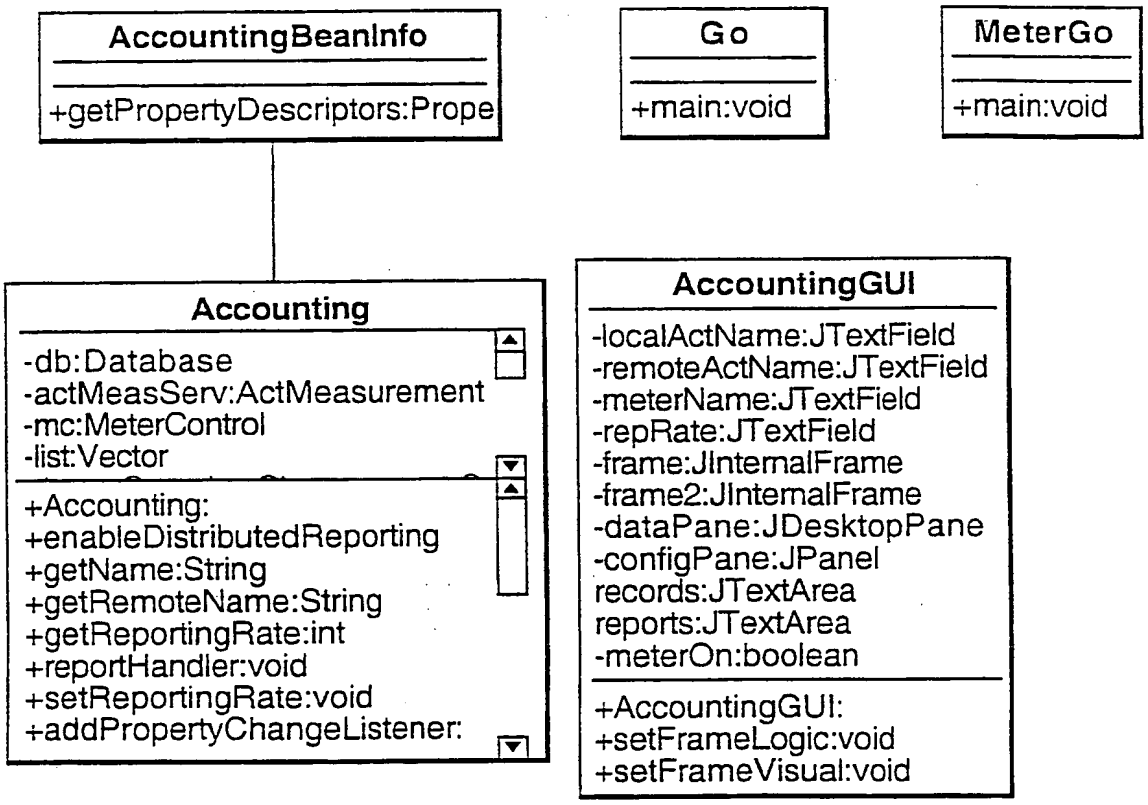
+serviceDetails:int
+sourceAdd:InetAddress
+destAdd:InetAddress
+sourcePort:long
+destPort:long
+startTime:String
+duration:long
+Record:
+Record:
+Record:
+getRecordID:long

Figure 8d



Appl. No. 09/674,720
Atty. Dkt.: 36-1385
Amdt. dated March 28, 2005
REPLACEMENT SHEET

Figure 8e


AccountingBeanInfo
+getPropertyDescriptors:Prope
Go
+main:void
MeterGo
+main:void
Accounting
-db:Database
-actMeasServ:ActMeasurement
-mc:MeterControl
-list:Vector
+Accounting:
+enableDistributedReporting
+getName:String
+getRemoteName:String
+getReportingRate:int
+reportHandler:void
+setReportingRate:void
+addPropertyChangeListener:
AccountingGUI
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-frame:JInternalFrame
-frame2:JInternalFrame
-dataPane:JDesktopPane
-configPane:JPanel
records:JTextArea
reports:JTextArea
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Figure 9

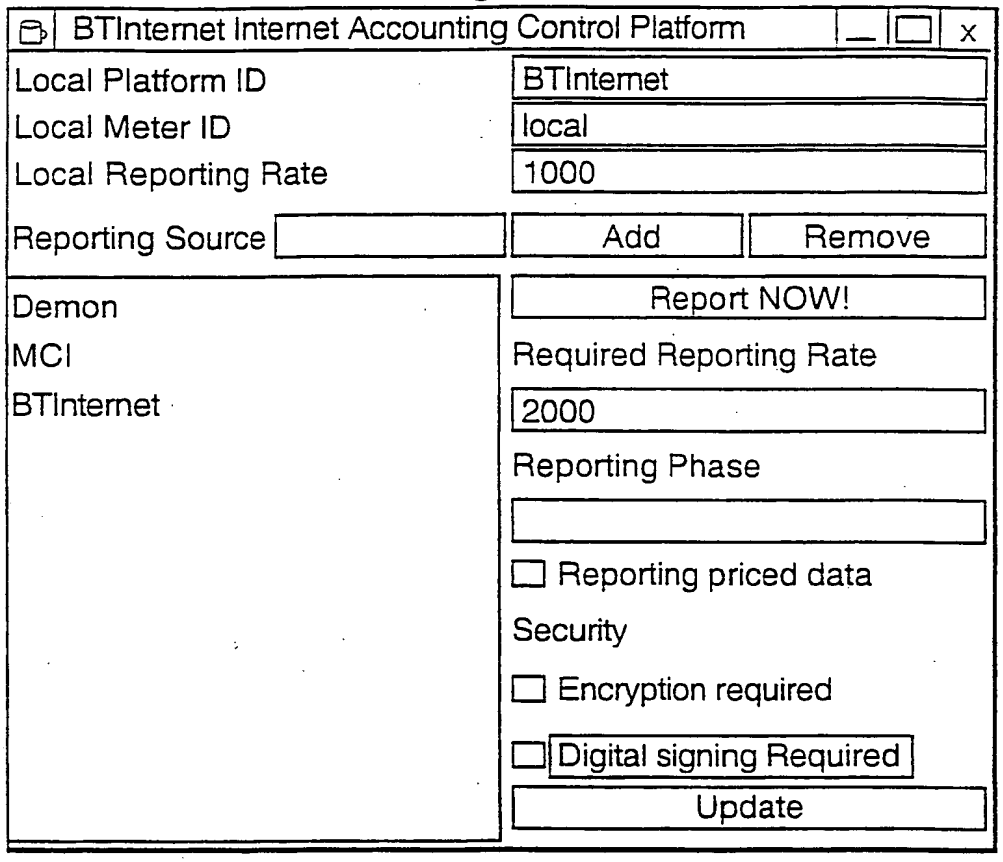


Figure 10

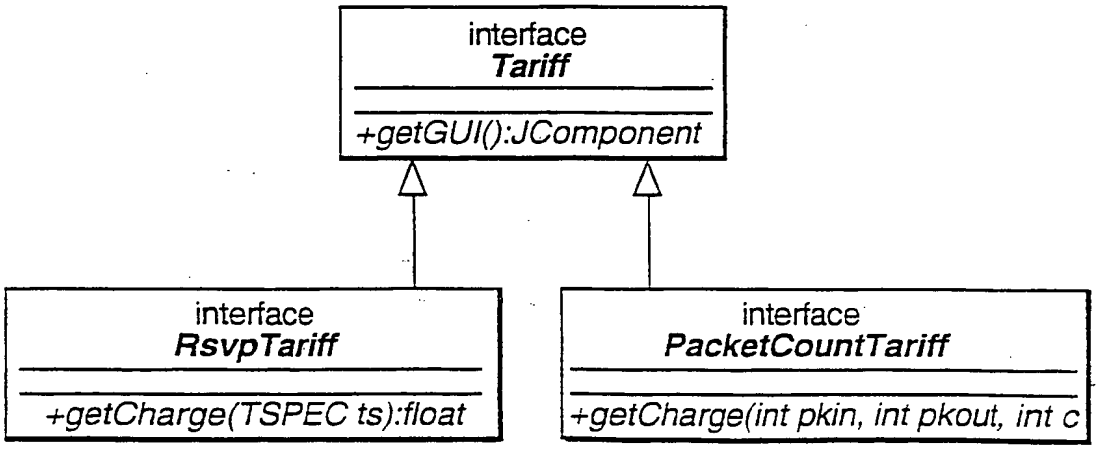
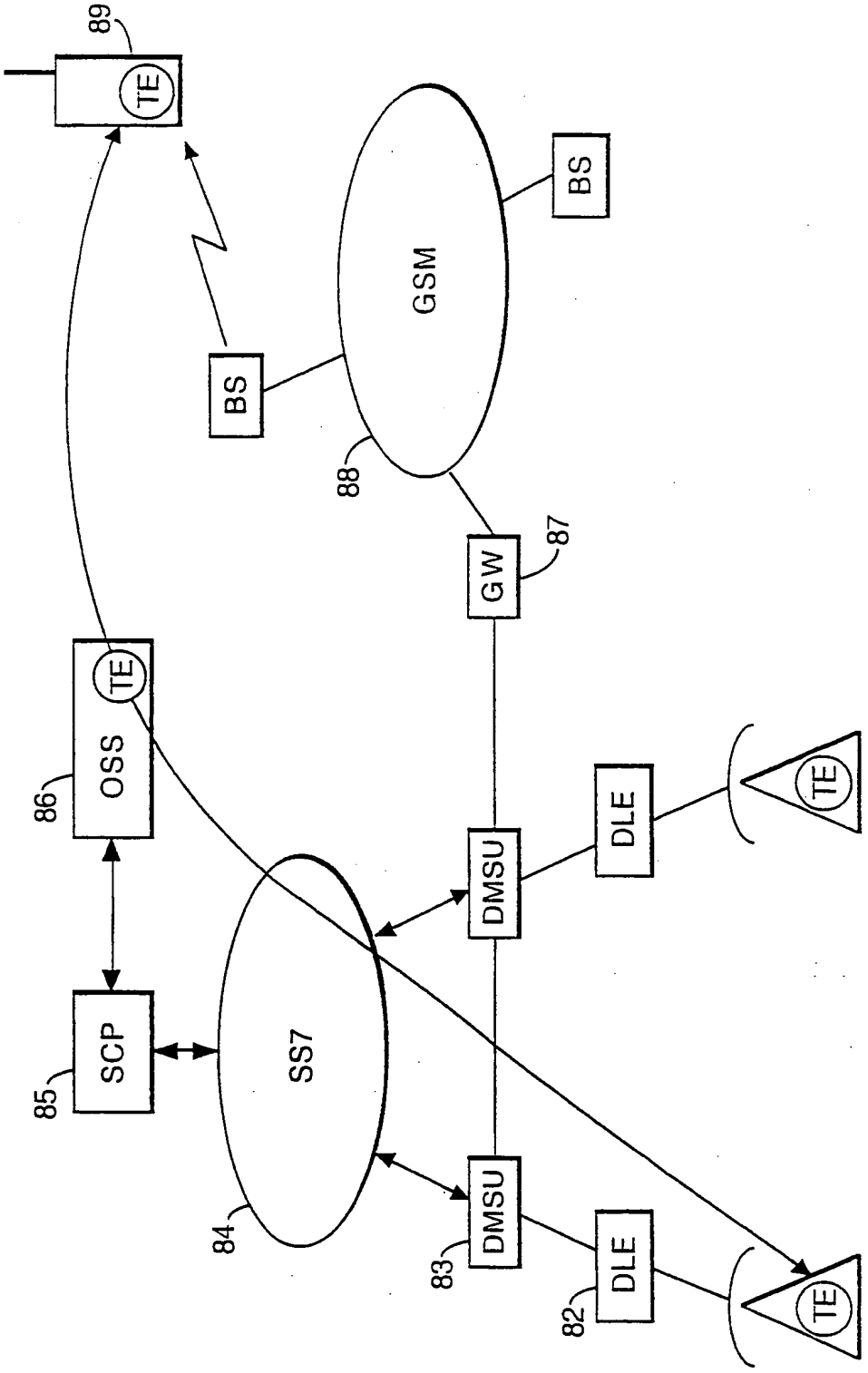


Figure 11


89
TE
BS
GSM
BS
88
GW
87
86
OSS
TE
SCP
85
SS7
84
DMSU
DLE
TE
DMSU
83
DLE
82
TE